

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

307580024

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application Number</b>	U.S. National Stage Application of PCT/EP2004/014450
Date Submitted: May 19, 2006				<b>Filing Date</b>	Concurrently Herewith
				<b>First Named Inventor</b>	Alexander LUDEMANN
				<b>Group Art Unit</b>	Unassigned
				<b>Examiner Name</b>	Unassigned
				<b>Attorney Docket Number</b>	028622-0153
(use as many sheets as necessary)					
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

U.S. PATENT APPLICATION DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>6</sup>
/TGK/	A1	FIEHN et al., "Metabolite profiling for plant functional genomics," <i>Nature Biotechnology</i> , Vol. 18, No. 11, 2000, pages 1157-1161			
/TGK/	A2	FIEHN et al., "Identification of uncommon plant metabolites based on calculation of elemental compositions using gas chromatography and quadrupole mass spectrometry," <i>Analytical Chemistry</i> , Vol. 72, No. 15, August 1, 2000, pages 3573-3580			
/TGK/	A3	WAGNER, et al., "Construction and application of a mass spectral and retention time index database generated from plant GC/EL-TOF-MS metabolite profiles," <i>Phytochemistry</i> , Vol. 62, March 2002, pages 887-900			
/TGK/	A4	ALLEGROD et al., "Use of isotopically labeled palmitate to examine de novo sphingolipid biosynthesis by LC-MS/MS: a metabolic approach," <i>FASEB Journal</i> , Vol. 17, No. 4-5, March 2003, Abstract No. 628.6			
/TGK/	A5	MASHEGO et al., "MIRACLE: Mass isotopomer ratio analysis of U- <sup>13</sup> C-labeled extracts. A new method for accurate quantification of changes in concentrations of intracellular metabolites," <i>Biotechnology and Bioengineering</i> , Vol. 85, No. 6, March 20, 2004, pages 620-628			

Examiner Signature	/Timothy Kingan/	Date Considered	12/12/2008
-----------------------	------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.